# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Thursday 24 Nov 2022 until 23:59 on Friday 25 Nov 2022

Forecast Issued on Wednesday 23 Nov 2022 at 16:17

**Confidence:** High for unsettled and occasionally wet and windy conditions through the forecast period. Main uncertainty will be the timing of fronts moving across the United Kingdom during the weekend.

**Headline for Thursday 24 Nov 2022:** Mainly dry morning then spell of heavy rain in afternoon. Very windy, gales on the tops.

**Mountain weather hazards on Thursday 24 Nov 2022**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>Medium Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>Low Likelihood | **Heavy persistent rain**<br>Low Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| Light rain showers (night) | Partly cloudy (night) | Partly cloudy (night) | Sunny intervals | Cloudy | Heavy Rain | Heavy rain showers (night) | Cloudy |
| Precipitation probability | | | | | | | |
| 30% | 30% | 10% | 10% | 30% | 90% | 40% | 40% |

**Forecast for Thursday 24 Nov 2022**

**Weather:** Showers overnight dying out by dawn. A dry morning with sunny spells but cloud increasing and gales developing on the tops. A spell of heavy and persistent rain in the afternoon, lasting about 2 or 3 hours. Drenching conditions for a time with gales at height. This will be followed by clear spells and showers, some of these heavy with a risk of lightning.

**Chance of cloud-free hill tops above 600m:** 80% in morning, becoming 40% in afternoon.

**Low cloud and visibility:** Patchy cloud and fog above 500 or 600m, becoming persistent for a few hours in the afternoon. Below the cloud, mainly good becoming poor in heavy rain or showers in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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# Met Office Mountain Weather Forecast

**Forecast for Thursday 24 Nov 2022**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 30/41 SW | 28/39 SW | 26/38 SW | 27/39 S | 33/44 S | 28/37 S | 24/32 SW | 28/38 SW | 30/42 SW |
| **300** | 22/33 SW | 20/31 SW | 18/30 SW | 20/30 S | 24/34 S | 19/29 S | 16/25 SW | 20/30 S | 22/33 SW |
| **Valley** | 12/30 SW | 11/28 SW | 10/28 SW | 10/27 S | 16/33 S | 12/29 S | 10/24 SW | 12/29 S | 14/31 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 3/-4 | 3/-3 | 4/-2 | 5/-1 | 6/-1 | 6/-0 | 4/-2 | 4/-3 | 4/-3 |
| **300** | 5/-0 | 5/0 | 6/1 | 6/1 | 8/3 | 8/4 | 7/2 | 6/1 | 6/1 |
| **Valley** | 5/1 | 5/1 | 5/1 | 6/3 | 9/5 | 8/5 | 7/4 | 6/2 | 6/2 |
| **Freezing Level*** | 1000m | 1000m | 1100m | 1300m | 1400m | 1500m | 1200m | 1100m | 1200m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Difficult conditions for a few hours in the afternoon on higher slopes with strong winds and heavy rain. Gusts of 50 to 55mph on the high moors and summits.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 15:00 on Wed 23 Nov 2022 | 9.4mm | 25mm | 35.8mm |

**Forecast for Friday 25 Nov 2022**

**Weather:** Clear or bright spells and scattered showers overnight and during the morning. Showers will die out through the afternoon. Feeling cold on the tops.

**Maximum wind:** West or Southwest 20 to 25mph gusts 35mph, decreasing to 15mph in afternoon.

**Chance of cloud-free hill tops above 600m:** 40% becoming 80% in morning.

**Low cloud and visibility:** Occasionally poor in morning showers with areas of cloud and fog above 600m. Good from late morning with any cloud lifting from the summits.

**Temperature:** **Valleys:** Plus 6 Celsius rising to 10 Celsius.
**At 600m:** Plus 3 Celsius rising to 5 or 6 Celsius.
**Freezing level:** Above summits.

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